

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	119	(iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:34
L2	102	(iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:24
L3	62	(iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1 and (valid or correct) and (invalid or noise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:29
L4	62	(iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1 and (valid or correct) and (invalid or noise or errored)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:29
L5	62	((iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1 and (valid or correct) and (invalid or noise or errored)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:30
L6	4	((iterative or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1 and ((valid or correct) same (invalid or noise or errored) same (codeword or (code adj word)) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:31

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L7	4	((iterativ\$4 or turbo) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3) and decision\$1) and ((valid or correct) same (invalid or noise or errored) same (codeword or (code adj word))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:32
L8	5	((iterativ\$4 or turbo or MAP) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3 or supervis\$4) and decision\$1) and ((valid or correct) same (invalid or noise or errored) same (codeword or (code adj word))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:33
L9	25	((iterativ\$4 or turbo or MAP) same decod\$4 same (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3 or supervis\$4) and decision\$1) and ((valid or correct) and (invalid or noise or errored) and (codeword or (code adj word))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:35
L11	5	((iterativ\$4 or turbo or MAP) and decod\$4 and (round\$1 or iterat\$3 or cycle\$1 or interval or loop)) and (soft near3 value\$1) and (extrinsic near3 value\$1) and (detect\$4 or monitor\$3 or analyz\$3 or check\$3 or supervis\$4) and decision\$1) and ((valid or correct) same (invalid or noise or errored) same (codeword or (code adj word))) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:36
L12	22	nieminen-esko.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:37
L13	11	nieminen-esko.in. and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 07:37

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	1	((defect near3 scan) and storage and measuring and channel\$1 and parameter\$1).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/22 10:35
L10	1	(decoding and monitoring and (valid adj2 code) and noise).clm.	US-PGPUB	OR	OFF	2007/06/22 10:35

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	(noise near4 quality near4 detect\$4) same turbo	US-PGPUB	OR	OFF	2007/06/22 08:11
L3	0	((iterativ\$4 or turbo) near10 decod\$3) same (round\$1 or loop or interval or iteration or cycle) same extrinsic same monitor\$3 same decision	US-PGPUB	OR	OFF	2007/06/22 08:13
L4	1	((iterativ\$4 or turbo) near10 decod\$3) same (round\$1 or loop or interval or iteration or cycle) same extrinsic same monitor\$3 same valid same noise	US-PGPUB	OR	OFF	2007/06/22 08:14

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((((iterative&lt;or&gt;turbo)&lt;near/10&gt;(decoding&lt;or&gt;decoder))&lt;and&gt;(soft&lt;near/5&gt;value)&lt;a&gt;

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**IET JNL** IET Journal or Magazine**IEEE CNF** IEEE Conference Proceeding

1. Joint Channel Estimation, Partial Successive Interference Cancellation, and Data Decoding for DS-CDMA Based on the SAGE Algorithm

Kocian, A.; Land, I.; Fleury, B. H.;

[Communications, IEEE Transactions on](#)

Volume 55, Issue 6, June 2007 Page(s):1231 - 1241

Digital Object Identifier 10.1109/TCOMM.2007.898855

[AbstractPlus](#) | [Full Text: PDF\(601 KB\)](#) [IEEE JNL](#)  
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**IET CNF** IET Conference Proceeding**IEEE STD** IEEE Standard

2. Iterative decoding of binary block and convolutional codes

Hagenauer, J.; Offer, E.; Papke, L.;

[Information Theory, IEEE Transactions on](#)

Volume 42, Issue 2, March 1996 Page(s):429 - 445

Digital Object Identifier 10.1109/18.485714

[AbstractPlus](#) | [References](#) | [Full Text: PDF\(1420 KB\)](#) [IEEE JNL](#)  
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3. On turbo decoding of nonbinary codes

Berkmann, J.;

[Communications Letters, IEEE](#)

Volume 2, Issue 4, April 1998 Page(s):94 - 96

Digital Object Identifier 10.1109/4234.664216

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4. On decoding of multidimensional single parity turbo product codes

Janvars, T.; Farkas, P.;

[Mobile Future and Symposium on Trends in Communications, 2003. SympoTIC '03. Joint Workshop on](#)

26-28 Oct. 2003 Page(s):25 - 28

Digital Object Identifier 10.1109/TIC.2003.1249080

[AbstractPlus](#) | [Full Text: PDF\(314 KB\)](#) [IEEE CNF](#)  
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5. Updated extrinsic information for iterative decoding of turbo codes  
Lin Zhang; Guangzhao Zhang; Xincheng Liu;  
Communications, Circuits and Systems and West Sino Expositions, IEEE 2002 International Conference on  
Volume 1, 29 June-1 July 2002 Page(s):51 - 55 vol.1  
[AbstractPlus](#) | Full Text: [PDF\(306 KB\)](#) [IEEE CNF Rights and Permissions](#)
6. Turbo equalization for non-binary coded modulation schemes over frequency selective fading channels  
Doan, N.D.; Rajatheva, R.M.A.P.;  
Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo, 2000 IEEE  
Volume 3, 15-18 May 2000 Page(s):2217 - 2221 vol.3  
Digital Object Identifier 10.1109/VETECS.2000.851666  
[AbstractPlus](#) | Full Text: [PDF\(348 KB\)](#) [IEEE CNF Rights and Permissions](#)
7. Sequential Decoding for Mobile Receivers  
Hagenauer, Joachim; Kuhn, Christian;  
3G and Beyond, 2005 6th IEE International Conference on  
7-9 Nov. 2005 Page(s):1 - 1  
[AbstractPlus](#) | Full Text: [PDF\(97 KB\)](#) [IET CNF](#)

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